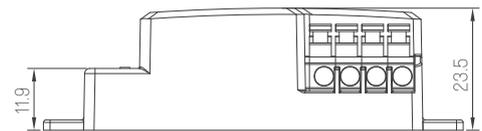# On/off Detector
Compact Version

Antenna module

Sensitivity

Hold-time

Daylight threshold

Daylight sensor

L' N N L

Installation hole

36.5

4.1

65

71.5

80.4

11.9

23.5
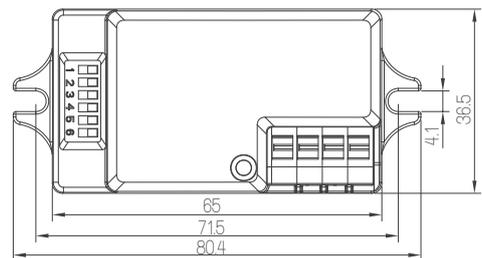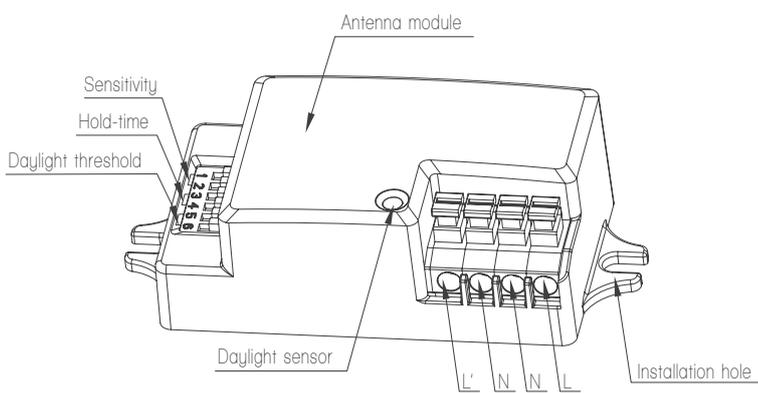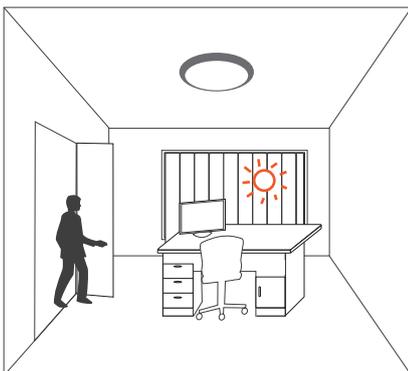
| Product Feature | On/off function | The motion detector can turn on the light based on movement. With this detector built in, light is automatically on when needed and off when not needed. |

The light keeps off during daytime even when movement is detected. (Ambient lux level is above preset daylight threshold)
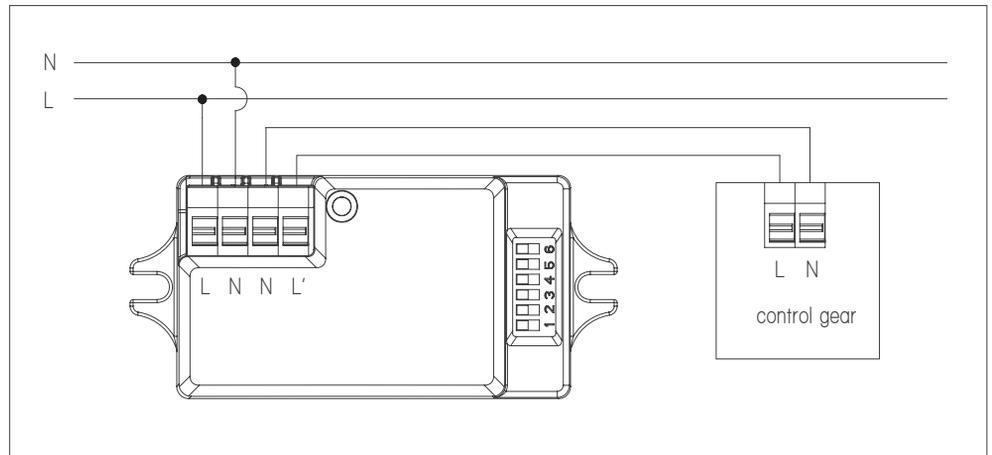
With movement and insufficient ambient lux level, the light is triggered on by the detector.
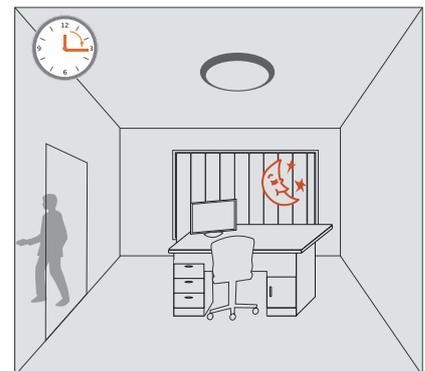
If there is no more movement, the light turns off automatically after hold-time preset.

Wiring

N

L

L N N L'

1 2 3 4 5 6

L N

control gear

Detection pattern

Ceiling mounting (m)

5 4 3 2 1   1 2 3 4 5

height (m)

1
2
3
4
5
6

■ high sensitivity area   ■ low sensitivity area

Wall mounting (m)

1 2 3 4 5 6 7 8 9

height (m)

4
3
2
1
1
2
3
4

■ high sensitivity area   ■ low sensitivity area
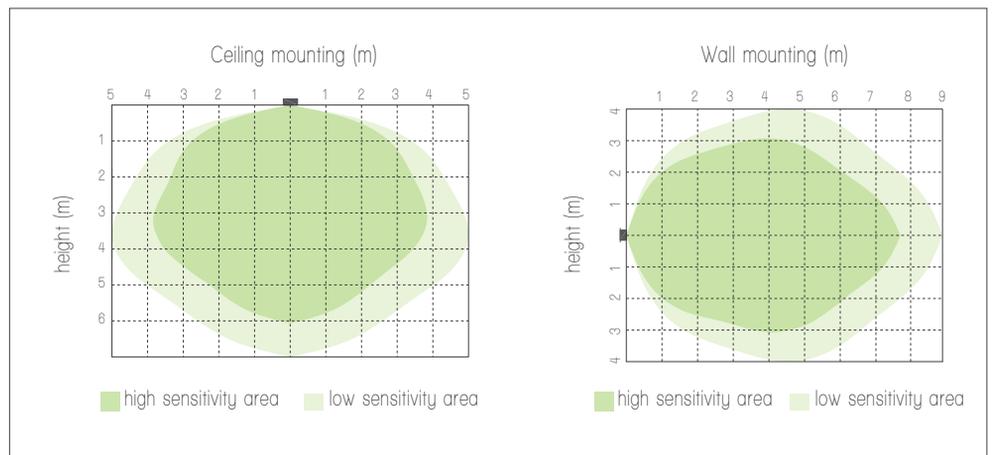
Assembly

Sensor module
Antena module
Do not be shielded by metal objects
Need to install hole

1. Sensitivity

Sensitivity can be adjusted by selecting the combination on the DIP switches for different applications.

I – 100%
II – 75%
III – 50%
IV – 10%

	1	2	
I	●	●	100%
II	●	○	75%
III	○	●	50%
IV	○	○	10%

2. Hold-time

Hold-time refers to the time period that the light remains 100% on if no more movement is detected.

I – 5s
II – 90s
III – 5min
IV – 15min

	3	4	
I	●	●	5s
II	●	○	90s
III	○	●	5min
IV	○	○	15min

3. Daylight threshold

Different daylight threshold can be preset on DIP switches. Light will always turn on upon movement if daylight sensor is disabled.

I – Disable
II – 50Lux
III – 10Lux
IV – 2Lux

	5	6	
I	●	●	Disable
II	●	○	50Lux
III	○	●	10Lux
IV	○	○	2Lux

Operating voltage	220 ~ 240 VAC 50/60Hz
Rated load	400W (Capacitive load) 800W (Resistive load)
Stand-by power	<0.5W
Sensitivity	10% / 50% / 75% / 100%
Hold-time	5s / 90s / 5min / 15min
Daylight sensor	2lux / 10lux / 50lux, disable
Microwave frequency	5.8 GHz +/- 75MHz
Transmitting power	<0.2mW
Detection range	Max (diameter x height): 10m x 6m
Detection angle	30° ~ 150°
Working temperature	-20°C ~ 60°C
IP rating	IP20
Certificate	Semko, CB, CE, RCM, RoHs, RED